

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2003/001652

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61K 38/44, G01N 33/574

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61K, G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE EMBL (Online) Accession no. Q8TAV3, 1 June 2002, retrieved from EBI, 100% identity in 434 amino acids overlap with SEQ ID No 8 --	1-10
A	YOUSSEF JOUNAIDI et al "Frequent, Moderate-Dose Cyclophosphamide Administration Improves the Efficacy of Cytochrome P-450/Cytochrome P-450 Reductasebased Cancer Gene Theraphyl", Cancer Research, June 1 2001, Vol. 61, p. 4437-4444., --	1-7,10

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search 28 January 2004	Date of mailing of the international search report 04-02-2004
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. + 46 8 666 02 86	Authorized officer Yvonne Siösteen/ELY Telephone No. + 46 8 782 25 00

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	STN International, File CAPLUS, CAPLUS accession no. 1997:210366, document no. 126:221319, Oyama, Tsunehiro et al: "Cytochrome P450 2E1 polymorphism as a risk factor for lung cancer: in relation to p53 gene mutation"; & Anticancer Research (1997), 17(1B), 583-587 --	1-7,10
A	BIOSIS, accession no. PREV200200495945, Itoga Sakae et al: "Tandem repeat polymorphism of the CYP2E1 gene: An association study with esophageal cancer and lung cancer", Alcoholism Clinical and Experimental Research, August, 2002, Vol. 26, No. 8 Supplement, pp. 15S-19S --	1-7,10
A	WO 0158455 A1 (PHARMACIA & UPJOHN S.P.A.), 16 August 2001 (16.08.2001), see claim 29 --	1-7,10
A	STN International, File CAPLUS, CAPLUS accession no. 1996:580855, document no. 125:292401, Vasquez, Hernan G. et al: "Effect of cytochrome P450 inducers on expression of oncogenes and a tumor suppressor gene in human colon cancer cells"; & International Journal of Oncology (1996), 9(3), pp. 427-431 --	1-7,10
A	MAGNUS INGELMAN-SUNDBERG, "Genetic susceptibility to adverse effects of drugs and environmental toxicants The role of the CYP family of enzymes", Mutation Research 2001, Vol. 482, pp. 11-19 see page 13 table 1 --	1-7,10
A	DANIEL W NEBERT et al: "Clinical importance of the cytochromes P450", THE LANCET, 12 October 2002, Vol. 360, pp. 1155-62, see page 1157, line 13-15 -----	1-7,10

INTERNATIONAL SEARCH REPORT
Information on patent family members

24/12/2003

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				CN	1398185	T	19/02/2003
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